

SECRET

DPS-3918

COPY 1 OF 1

CMCC 274x5.29

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26 August 1958

To: WRSP-2 }
 Att: Commo
 WRSP-3 }
 From: R-W, [REDACTED]
 Subject: Miscellaneous Comments

DOCUMENT NO. [REDACTED]
 NO. IN CLASS. FI [REDACTED]
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 25X1A [REDACTED]
 DATE: 12/10/81 [REDACTED]
 REVIEWER: [REDACTED]

Luther

Here are a few miscellaneous comments concerning things which you may or may not already know about:

1. To Detachment B: Your mixing-and-output-control extension cable (MP 12011) may be miswired. The wire connecting pins "D" should instead be connected between pins "B".

Extension cable MP 12153 is intended for use with the F rack. However, by adding a wire between pins "E", you can use it with any of the transports.

2. The proposed System-3 FAK list is in the mill. The items in this list are odd parts peculiar to System 3, such as potted assemblies and crystals.

3. The E-rack problem is under investigation. Apparently a modification of the marker-pulse-forming circuit of the 3d lo is called for. In the meantime, however, there exists no serious problem since at present Detachments B and C have no immediate use for the E rack.

4. [REDACTED] suggest you keep complete records of all modifications originated and performed in the field, recording the serial number of every unit on which a given change is made. Then if factory rework, modification, or overhaul is called for, a list of the field changes should accompany the equipment to the plant.

5. Sensitivity of the new System 3M2's is better than 2 μ v - without spurs. This was achieved by complete redesign of the pre-amplifier to increase its gain. Also, the artificial transmission line now used low-impedance coax.

There have been no other major changes in the system except for the addition of wiring to external control units.

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